

# SHREYASLING S

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SHREYASLING.S

shreyasling

Portfolio

## EDUCATION

**National Institute of Technology Karnataka, Surathkal**

**2022-Present**

*B.Tech in Electronics and Communication - CGPA - 8.71*

*Mangalore, Karnataka*

Minor in Information Technology - CGPA - 8.33

**Nisarga Independent PU College**

**June 2021**

*Department of Pre-University Education, Karnataka - Percentage - 93.33%*

*Chamarajanagar, Karnataka*

**J N V Chamarajanagar**

**June 2019**

*Central Board of Secondary Education- Percentage - 92%*

*Chamarajanagar, Karnataka*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Digital System Design
- Microprocessor
- Control System
- FullStack Developer
- Database Management System (DBMS)
- Analog Integrated Circuit
- OOPS

## EXPERIENCE

**Backend Intern**

**July-October 2024**

*H R SHOP International Pvt. Ltd.*

*Mumbai, Maharashtra*

- Developing an API using the MERN stack (MongoDB, Express.js, React, Node.js) to fetch and aggregate user data from LinkedIn and GitHub APIs.
- Implemented data filtering and matching algorithms to efficiently identify and retrieve employee profiles based on specific requirements.

## PROJECTS

**QuizMaster** | React, TypeScript, Node.js, MongoDB, Gemini AI, Tesseract.js

**February 2025**

- \* Developed an AI-powered quiz platform that converts scanned papers into interactive quizzes using OCR (Tesseract.js) and AI formatting (Gemini API), eliminating manual data entry.
- \* Built with React/TypeScript frontend and Node.js/MongoDB backend, featuring Cloudinary file storage and JWT authentication.
- \* Reduced quiz creation time by 80% by automating question extraction and providing real-time editing interface.

**A2Z-DSA Tracker** | JavaScript, NodeJs, ExpressJs, ReactJs, MongoDB, Tailwind CSS

**March 2024**

- \* Developed a user-friendly web application for practicing Data Structures and Algorithms (DSA) questions, featuring categorized questions, user authentication, and progress tracking functionality. Using NodeJS, ExpressJS, ReactJS and MongoDB for efficient server-client communication and database management.

## TECHNICAL SKILLS

**Languages:** C, C++, JavaScript, HTML/CSS, Verilog

**Technologies/Frameworks:** ReactJS, NodeJS, ExpressJS, Tailwind, Bootstrap

**Developer Tools:** VS Code, Postman, Git

**Operating Systems:** Windows, Ubuntu

## POSITIONS OF RESPONSIBILITY

**Executive Member- IET NITK Chapter**

**September 2023 – Present**

*Cipher SIG Member*

- \* Had active participation in the event conducted by second years for all the first years which had 250 registrations

**Volunteer - INCIDENT Office Department**

**March-2023,2024**

*Role/Responsibility*

- \* Managed publicity and promotional activities for various events organized during the college fest, INCIDENT.
- \* Coordinated with different departments to ensure smooth execution of events.

## ACHIEVEMENTS

- Achieved the highest SGPA of 9.71 in the 4th semester and a perfect 10 SGPA in the 5th semester in the Minor in Information Technology.